



PTO-1449 Information Disclosure Citation in an Application	Application No. 09/853,316	Applicant(s) Takeshi Hoshida, et al.	
	Docket Number 064731.0185	Group Art Unit	Filing Date May 10, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
MC	A	5,546,480	08/13/96	Leonard	385	3	04/28/95
MC	B	5,633,741	05/27/97	Giles	359	124	02/23/95
MC	C	5,778,014	07/07/98	Islam	372	6	12/23/96
MC	D	5,896,211	04/20/99	Watanabe	359	124	10/24/97
MC	E	5,898,517	04/27/99	Weis	356	5.09	01/15/98
MC	F	6,021,233	02/01/00	Koehler	385	24	02/12/98
MC	G	6,049,706	04/11/00	Cook et al.	455	313	10/21/98
MC	H	5,986,782	11/16/99	Alexander et al.	359	110	05/29/97
MC	I	6,118,397	09/12/00	Heflinger	341	137	06/17/98
MC	J	6,147,796	10/14/00	Ma et al.	359	341	01/12/99
MC	K	6,163,636	12/19/00	Stentz et al.	385	24	01/19/99
MC	L	6,178,208 B1	01/23/01	Gershon	375	322	12/18/97
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							YES	NO
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		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
MC	Q	T. Ito, et al., "6.4 Tb/s (160 x 40 Gb/s) WDM Transmission Experiment with 0.8 bit/s/Hz Spectral Efficiency, Technical Digest of European Conference on Optical Communications 2000 (ECOC 2000), postdeadline paper 1.1 (Munich).	September, 2000
MC	R	S. Bigo, et al., "5.12 Tb/s (128x40 Gbit/s WDM) Transmission over 3x100 km OF TeraLight™ Fibre," Technical Digest of European Conference on Optical Communications 2000 (ECOC 2000), postdeadline paper 1.2 (Munich).	September, 2000
MC	S	A. Färbert, et al., "7 Tb/s (176x40 Gb/s) BiDirectional Interleaved Transmission with 50 GHz Channel Spacing, Technical Digest of European Conference on Optical Communications 2000 (ECOC 2000), postdeadline paper 1.2 (Munich).	September, 2000

EXAMINER


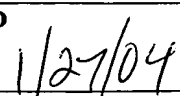
DATE CONSIDERED

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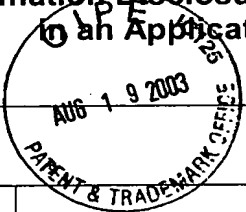


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	X							
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	AA							
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AC	BB	T. Miyano, et al., "Suppression of Degradation Induced by SPM/XPM+GVD in WDM transmission using a bit-synchronous intensity modulated DPSK signal," Fifth Optoelectronics and Communications Conference (OECC 2000) Technical Digest (Related article by same authors entitled "WDM transmission using bit-synchronous intensity modulated DPSK signals," at proceedings of the 2000 IEICE general conference, B-10-135, p. 510, March 2000 (in Japanese)).					July, 2000	
nc	CC	"Wavelength Division Multiplexing (WDM)," http://www.lightreading.com/document.asp					Printed May 9, 2001	
nc	DD	"Nonlinear Effects," http://www.lightreading.com/document.asp					Printed May 9, 2001	
nc	EE	"Optical Amplification," http://www.lightreading.com/document.asp					Printed May 9, 2001	
nc	FF	"Erbium Doped-Fiber Amplifiers (EDFAs)," http://www.lightreading.com/document.asp					Printed May 9, 2001	
nc	GG	"Raman Amplification," http://www.lightreading.com/document.asp					Printed May 9, 2001	
nc	HH	S. Chinn, et al., "Sensitivity of Optically Pre-amplified DPSK Receivers with Fabry-Perot Filters," Journal of Lightwave Technology, Vol. 14, No. 3, pp. 370-376.					March, 1996	
nc	II	G. Jacobsen, <i>Noise in Digital Optical Transmission Systems</i> , Artech House (Boston), p. 25.					July, 1994	
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		U.S. PATENT DOCUMENTS					
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
nc	A	5,657,154	08/12/97	Yoneyama	359	341	04/12/96
nc	B	5,946,119	08/31/99	Bergano et al.	359	124	02/12/97
nc	C	US 6,178,036 B1	01/23/01	Yao	359	334	01/14/98
nc	D	US 6,181,464 B1	01/30/01	Kidorf et al.	359	334	12/01/98
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nc	E	0 381 341 A2	08/08/90	EPO	H04B	10/14	X
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nc	G	EP 0 714 187 A2	05/29/96	EPO	H04J	14/00	X
nc	H	EP 0 903 876 A1	03/24/99	EPO	H04B	10/17	X
nc	I	EP 1 018 666 A1	07/12/00	EPO	G02F	1/35	X
nc	J	EP 1 056 228 A2	11/29/00	EPO	H04B	10/155	X
nc	K	WO 01/22627 A1	03/29/01	PCT	H04B	10/18	X
nc	L	EP 1 102 114 A1	05/23/01	EPO	G02F	1/35	X
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nc	M	N. Edagaw et al. "Fiber Raman Amplifiers," Laser Kenkyu, XX, JP, vol 17, no. 9, 1989, pages 616-627, XP002946507, 12 pages.					1989
nc	N	M. Tomizawa et al. "Automatic Dispersion Equalization for Installing High-Speed Optical Transmission Systems" Journal of Lightwave Technology, IEEE, New York, vol 16, no. 2, February 1, 1989, pages 184-191, XP000750656, 8 pages.					February 1, 1989
nc	O	E. Brun-Maunand et al. "Recent Progress on Soliton Systems," 22nd European Conference on Optical Communication - ECOC 1996, Oslo, pages 3.93-3.100, XP010303122, 8 pages.					1996
nc	P	Y. Yamabayashi et al. "Single-Wavelength Dispersion Measurement for Multiple-Fiber Section Connected with Narrow-Band Optical Amplifiers" IEEE Transactions on Instrumentation and Measurement, IEEE, Inc. New York, vol. 45, no. 1, February 1996, pages 218-224, XP000557132, 7 pages.					February 1996
nc	Q	O. Vassilieva et al. "Numerical comparison of NRZ, CS-RZ and IM-DPSK formats in 43Gbit/s WDM transmission," 14th Annual Meeting of the IEEE Lasers and Electro-Optics Society, Leos 2001, San Diego, CA, dated November 12-13, 2001, XP001085363, 2 pages.					November 12-13, 2001
nc	R	PCT International Search Report in International Application No. PCT/IB 02/01587, dated May 9, 2002, 7 pages.					May 9, 2002
nc	S	PCT International Search Report in International Application No. PCT/IB 02/01588, dated May 9, 2002, 7 pages.					May 9, 2002
nc	T	PCT International Search Report in International Application No. PCT/IB 02/01589, dated May 9, 2002, 7 pages.					May 9, 2002
nc	U	PCT International Search Report in International Application No. PCT/IB 02/01592, dated May 9, 2002, 7 pages.					May 9, 2002
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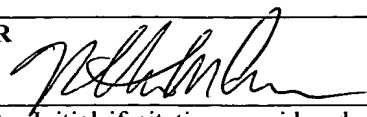


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mc	A	5,351,148	09/27/94	Maeda et al.	359	124	05/26/93
mc	B	6,057,950	05/02/00	Bergano	359	181	02/09/99
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							YES	NO
mc	M	WO 01/08422 A2	02/01/01	PCT	H04Q	<u> </u>	X	
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	Q							

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